The



Applicants

: Paul D. Shirley

Serial No.

: 10/773,968

Filed

: February 6, 2004

Title

: DEVICE AND METHOD FOR FORMING IMPROVED RESIST LAYER

Docket

: MIO 0112 PA/40509.272/00-0265

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the
United States Postal Service as first class mail in an envelope addressed

to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on May 12, 2004,

OF D. Paud

Reg. No. 46,506

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56, 1.97, AND 1.98

Applicant submits herewith patents, publications, and other information of which he is aware, which he believes may be material, as defined in 37 CFR §1.56(b), to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56(a). While the information referred to in this Information Disclosure Statement may be material pursuant to 37 CFR §1.56(b), the filing of this Information Disclosure Statement is not intended to, pursuant to 37 CFR §1.97(h), constitute an admission that any patent, publication, or other information referred to is, or is considered to be, material to the patentability of this invention. No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103, and Applicant reserves the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish otherwise. Further, pursuant to 37 CFR §1.97(g), the filing of this Statement should not be construed as a statement that a search has been made or that no other material information exists.

This Information Disclosure Statement is being filed within the period set forth in 37 CFR §1.97(b) because it is believed to be filed before the mailing date of a first office action on the merits.

The Office has waived the requirement pursuant to 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003. Therefore, no copies of each cited U.S. patent and each cited U.S. patent application publication are enclosed, but the cited U.S. patents and the cited U.S. patent application publications are listed on PTO/SB/08A.

> Respectfully submitted, **DINSMORE & SHOHL LLP**

Registration No. 46,506

One Dayton Centre One South Main Street, Suite 500 Dayton, Ohio 45402-2023 Telephone: (937) 223-2050

Facsimile: (937) 223-0724

JDR/vlh Encls.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO FV) & TRADE				Complete if Known			
Oubside	10110111111401110			Application Number	10/773,968		
INIE		או הופר	LOSURE	Filing Date	February 6, 2004		
				First Named Inventor	Paul D. Shirley		
STA	TEMENT	BY AP	PLICANT	Art Unit			
	(Use as many si	heets as nec	essary)	Examiner Name			
eet	1	of	2	Attorney Docket Number	MIO 0112 PA/40509.272/00-0265		

U. S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		^{US-} 6,548,110 B1	04-15-2003	Shirley				
-		US-			·			
		US-						
	<u> </u>	US-						
		US-						
•		US-						
		US-	<u> </u>					
	 	US-						
		US-						
		US-						
		US-						
	1	US-						
	 	US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	T
		Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	1
						L
						L
	_					╀
						+
						十

Examiner	 Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	e for form 1449/PTO		7 & TRADER	e required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known			
			1911	Application Number	10/773,968		
INFO	DRMATION	1 DIS	CLOSURE	Filing Date	February 6, 2004		
STATEMENT BY APPLICANT				First Named Inventor	Paul D. Shirley		
	(Use as many sh	oote se na	occessed.	Art Unit			
	(Ose as many sn	ceis as ne	icessary)	Examiner Name			
Sheet	2	of	2	Attorney Docket Number	MIO 0112 PA/40509.272/00-0265	J	

Examiner Initials*	NON PATENT LITERATURE DOCUMENTS Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate) the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volum number(s), publisher, city and/or country where published.						
		MICHAEL QUIRK AND JULIAN SERDA, Semiconductor Manufacturing Technology, November 11, 2003, Pages 357 - 360 Chapter 13, Prentice Hall, Upper Saddle River, New Jersey and Columbus, Ohio					
			-				
- · · · - · · · · · · · · · · · · · · ·							
			-				
			-				

Examiner	Date	 _
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.